



# Introducing BeauShield™

A solid surface sheet *like no other*

SAFAS Corporation, makers of Granicoat® and a full line of world-renowned surfacing material innovations is proud to introduce BeauShield™ 1/8" (3mm) Solid Surface. The solid surface sheet for today's professional.

Developed through advanced technology and the proprietary SAFAS engineering process, BeauShield™ answers the need of the worldwide fabrication community for an ultra-thin, high quality, solid surface material that delivers advanced design flexibility and retains the beauty of a thick solid surface – while dramatically reducing cost.





**BeauShield™ is a breakthrough:**

Through their unique in-house process of thermoset/compression molding, SAFAS Corporation has, once again, re-defined the capabilities of acrylic solid surface – and raised the bar for every other surfacing solution in its category. Today, the fabrication professional may confidently use **one brand** for every design in the shop – **BeauShield**.

**BeauShield™ has the thinnest sheet:**

Our exclusive 1/8" (3mm) sheet allows for extraordinary flexibility in design – and control in cost. Curves and edges are easier to manage and faster to complete. Waste and weight are reduced across the entire design. It's a fact – thinner is better!

**BeauShield™ has the widest sheet:**

Today, the incredible advantage of a full 50" sheet is yours with BeauShield Solid Surface Sheets. Now, you can add a backsplash, complete an island or fit a custom section to any design, seamlessly.

**BeauShield™ gives you all the advantages:**

- Beautiful to see – beautiful to touch
- Unmatched versatility across the design
- Ultimately formable and bendable
- A wide variety of exquisite color and pattern choices
- A truly repairable, non-porous surface
- UV, heat and scratch resistant
- Anti-microbial capability
- Made in America – by SAFAS Corporation

Contact SAFAS Corporation for professional samples and additional information on pricing and ordering.

**800-472-6854**  
[www.beaushield.com](http://www.beaushield.com)



Proudly serving the solid surface industry for over 25 years. [www.safascorp.com](http://www.safascorp.com)

Physical Properties	Result	Unit	Test Method
Density	1.7	g/cm <sup>3</sup>	
Weight	Approx 1.15	Lbs/ft <sup>2</sup>	
Flexural strength	55	MPa	ASTM D790
Modulus of elasticity	5800	MPa	ASTM D790
Tensile strength	38	MPa	ASTM D790
Tensile modulus of elasticity	7600	MPa	ASTM D790
Notched tensile impact resistance (Charpy)	2.7	KJ/m <sup>2</sup>	
Hardness (Barcol)	63-65	Unit	ASTM D2583
Water absorption	0.3	%	ASTM D570
Thermal Expansion	4 x 10 <sup>-5</sup>	in/in °F	ASTM D696
Color Stability	No Change		ANSI Z124 2000
High Temperature Resistance	No effect		NEMA LD3-2000
Stain Resistance	Passes		ANSI Z124 2000
Weatherability	No Change – 1000 hrs		NEMA LD3-2000
Fire Resistance	Class A		ASTM E84
Flame Spread	< 25		
Smoke Density	< 75		
Chemical Resistance	Resistant to house media		

Other Properties	Result	Test Method
Safety Data	No hazardous Materials	
Ignition temperature	> 400°C	
Resistance to fungi	Yes	ASTM G21
Resistance to bacteria	Yes	ASTM G22
Hazardous reaction	None	
Heavy metals	None	

Storage, handling and transportation	
Protective equipment	Gloves
Fire and explosion protective	Not required

Fabrication Process	
Workplace	Standard measures with regard to health and safety
Explosion protection	No special precautions
Fire extinction measures	All standard extinguishing agents
Toxic effect in use	None
Formaldehyde emission	None